

# **DRAFT**

## **CAL/EPA'S FRAMEWORK FOR CUMULATIVE IMPACTS ANALYSIS**

### **Executive Summary**

#### **Chapter 1. Introduction**

- *Purpose and scope of the report*
- *Legal and legislative history*
- *Process used to develop the framework*
- *Overview of the report*

#### **Chapter 2. Scientific Background**

- *Science behind cumulative impacts*
- *Multiple chemical exposures and pathways*
- *Susceptible and vulnerable populations*

#### **Chapter 3. Key Concepts**

- *Working definition of cumulative impacts*
  - *Exposures, public health or environmental effects*
  - *Sensitive populations*
  - *Socioeconomic factors*
- *Cumulative and aggregate risk and cumulative impact*

#### **Chapter 4. Key Contexts**

- *Situations and case studies where cumulative impacts arise*
- *Aspects encountered and considered by Cal/EPA, e.g., pilot projects*

#### **Chapter 5. Scientific Methods for Assessing Cumulative Impacts**

- *Overview of available methods*
- *Characterizing geographic areas*
- *Characterizing sensitive populations*
- *Emerging metrics*

#### **Chapter 6. Phase I: Framework for Analysis of Cumulative Impacts**

- *Framework: Elements to be considered in conducting a cumulative impacts analysis.*
- *Public involvement*
- *Scoping and problem formulation*
- *Key factors to consider in cumulative impacts analysis*
- *Types of information and data sources*

#### **Chapter 7. Recommendations**

- *Next steps for Phase II*

# **DRAFT**

## **GUIDANCE ON PRECAUTIONARY APPROACHES IN CAL/EPA'S PROGRAMS**

### **Executive Summary**

#### **Chapter 1. Introduction**

- *Purpose and scope of the guidance*
- *Background information*
- *Process used to develop the guidance*
- *Overview of the guidance*

#### **Chapter 2. Scientific Background**

- *Science and precaution*

#### **Chapter 3. Key Concepts**

- *Working definition of precautionary approaches*
  - *Anticipatory action to protect public health or the environment*
  - *Reasonable threat of serious harm*
  - *Best available science and other relevant information*

#### **Chapter 4. Key Contexts**

- *Situations where precautionary approaches arise*
- *Aspects encountered and considered by Cal/EPA*

#### **Chapter 5. Guidance on Precautionary Approaches**

- *Scientific information that forms a basis for action*
- *Applying additional precaution in Cal/EPA's programs*

#### **Chapter 6. Recommendations**